

gli3 exon 5^{14ins/14ins}

WT; TTCACATCCTTACATTAACCCC ----- TACATGGACTACATACGCTCCTTGCA

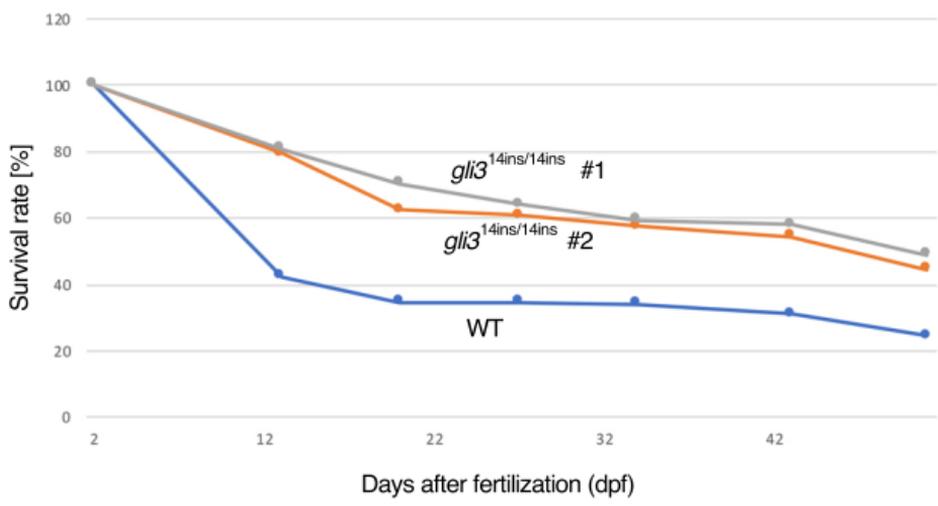
MT; TTCACATCCTTACATTAACCCCTACATACTACATACTACATACGGCTACATACGCTCCTTGCA

gli2b 17ins/17ins

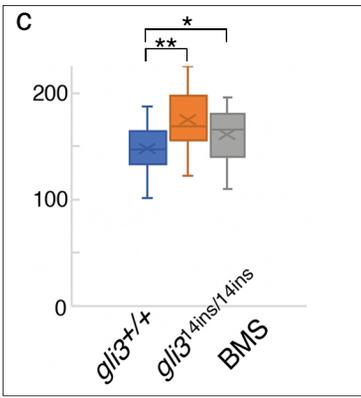
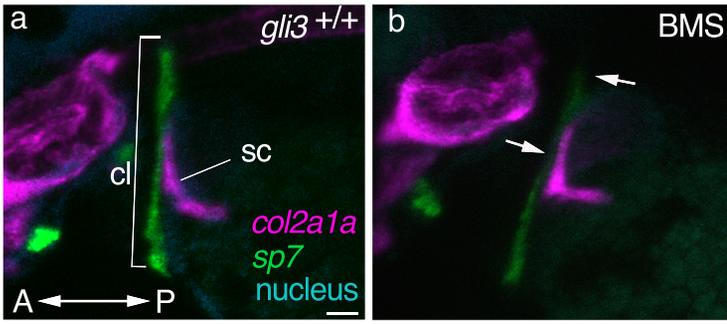
WT; GTCTCCAGCGGATTATTACCACCTG ----- AT ----- GG --- CCGGCCATCGGAACC

MT; GTCTCCAGCGGATTATTACCACCTGGGGATTATTACCATACGGGTTCCGGCCATCGGAACC

Extended Data Figure 1

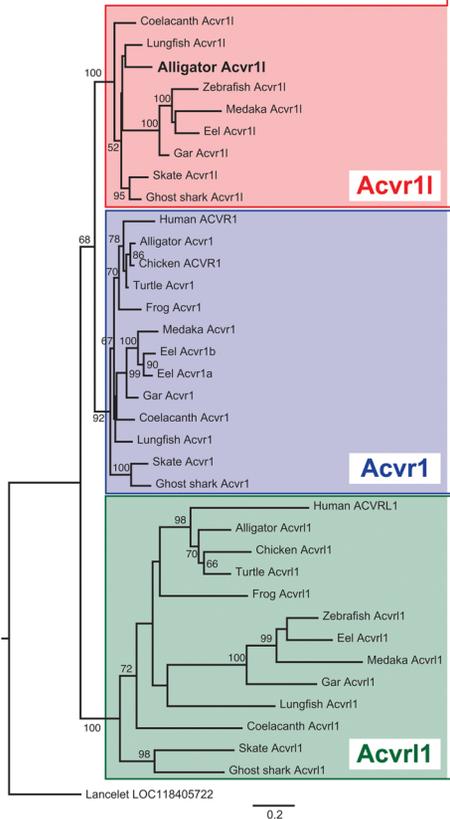


Extended Data Figure 2

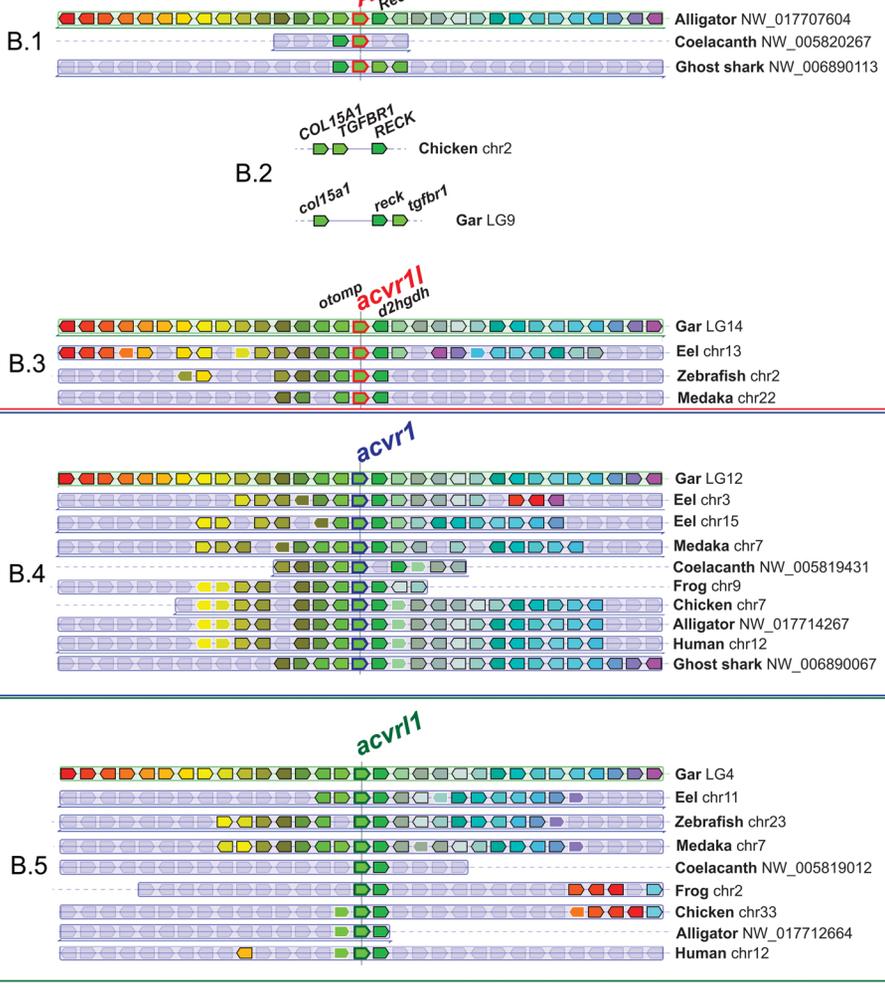


Extended Data Figure 3

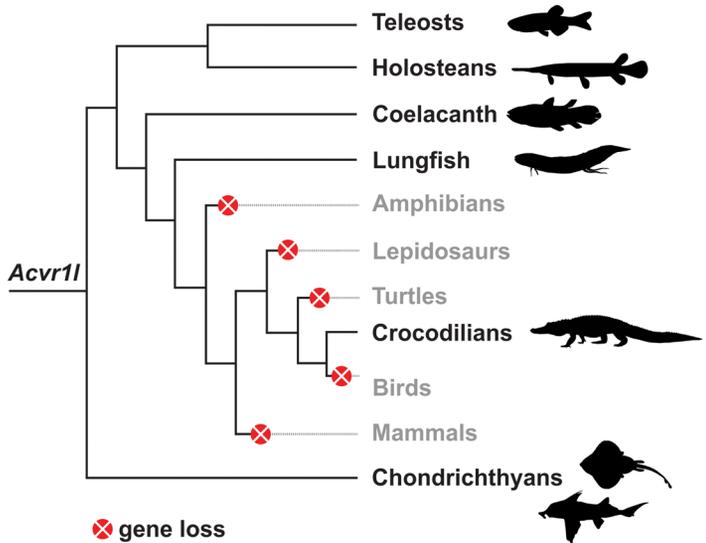
A Phylogeny



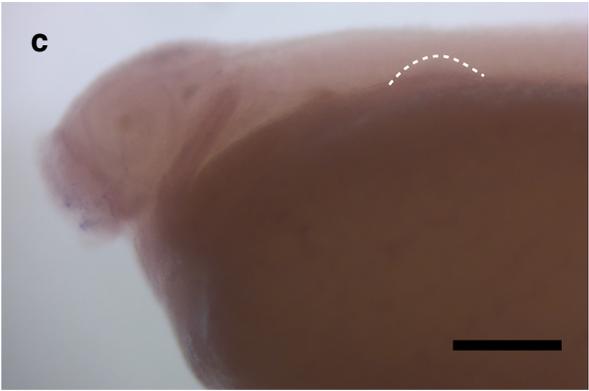
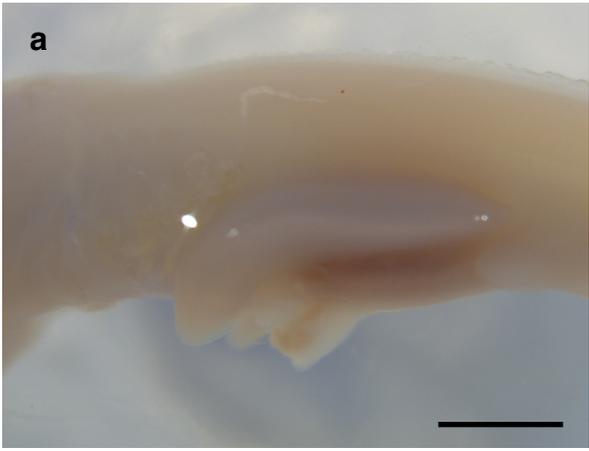
B Synteny



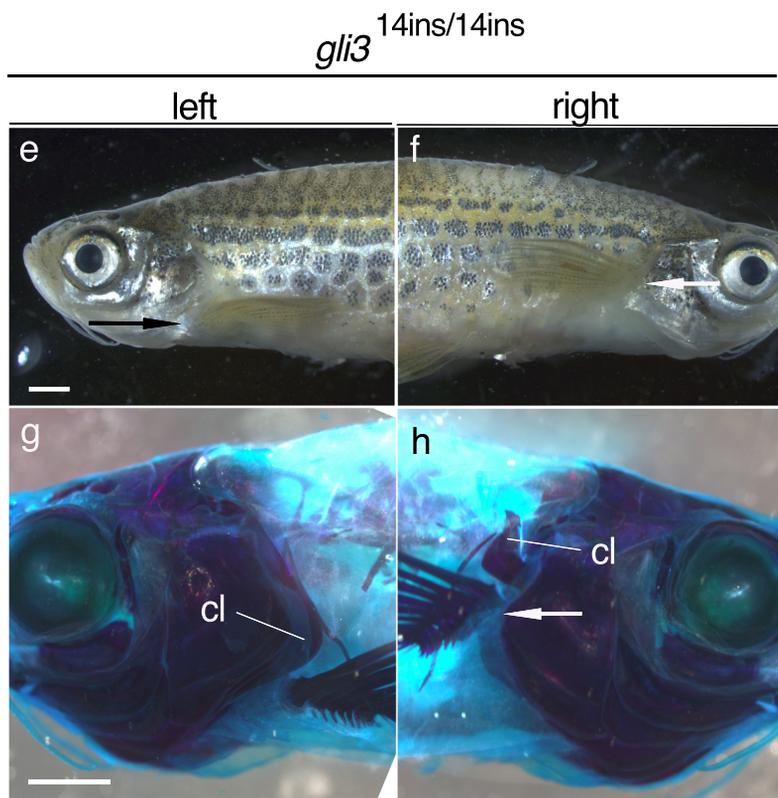
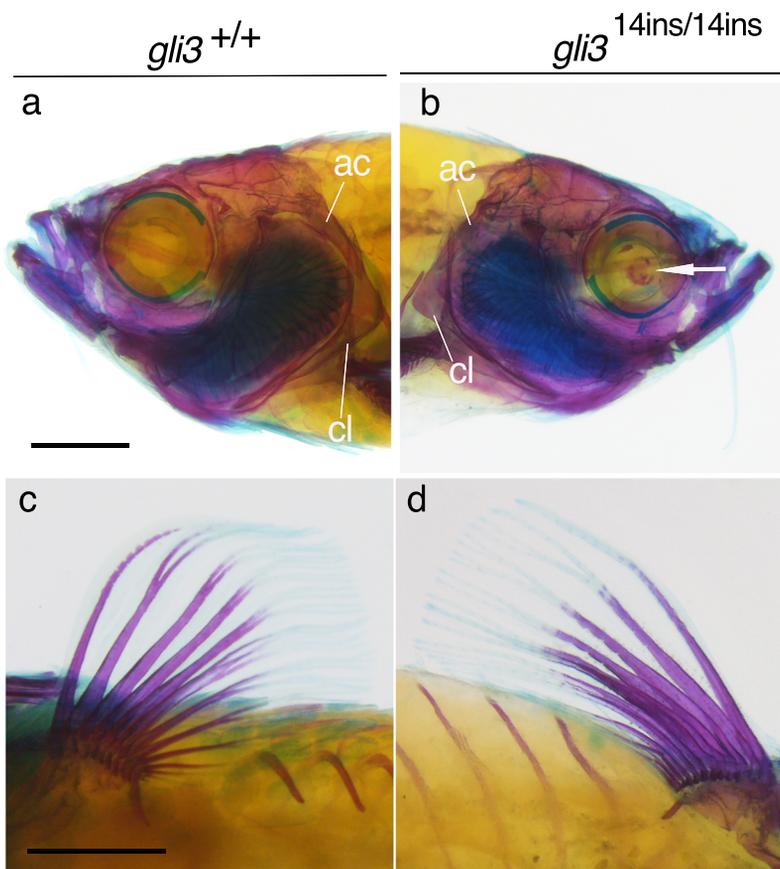
C Acvr1l distribution



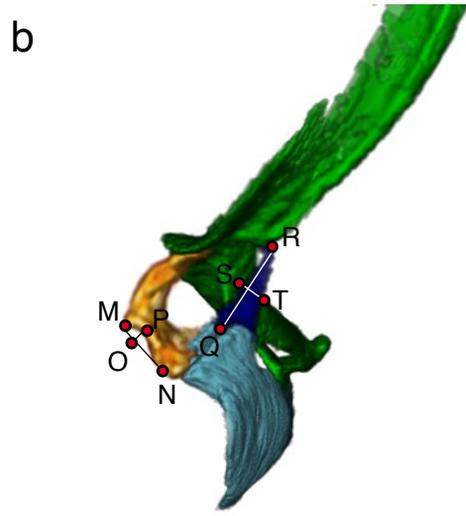
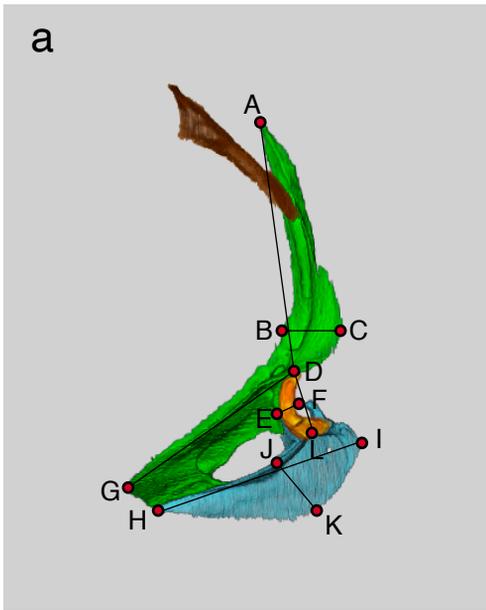
Extended Data Figure 4



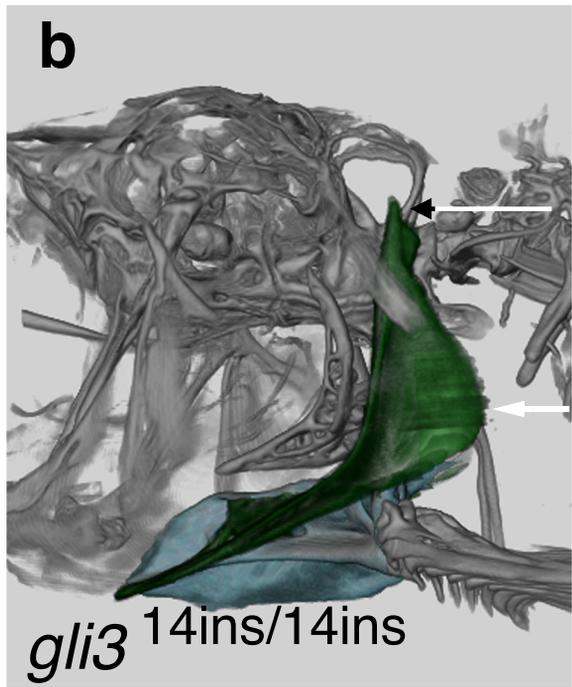
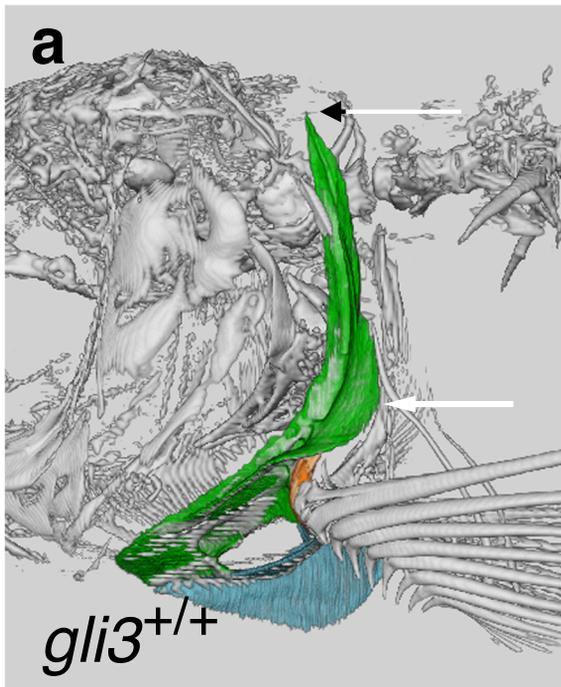
Extended Data Figure 5



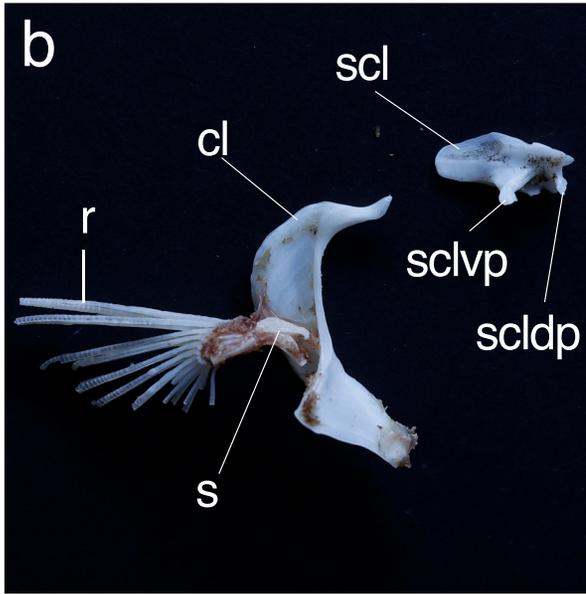
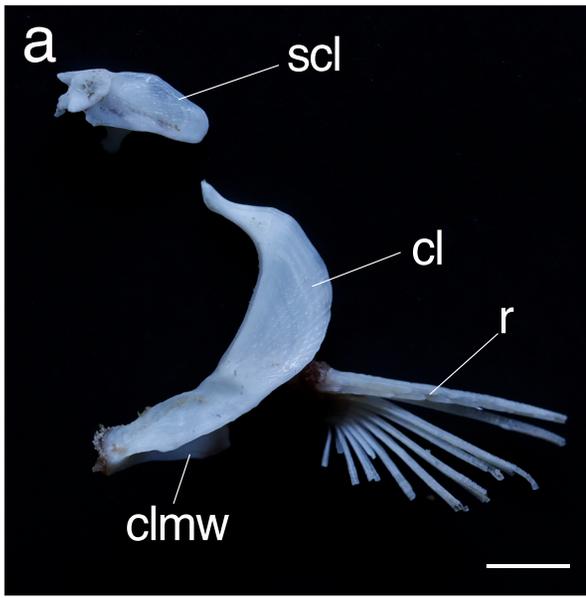
Extended Data Figure 6



Extended Data Figure 7



Extended Data Figure 8



Extended Data Figure 9